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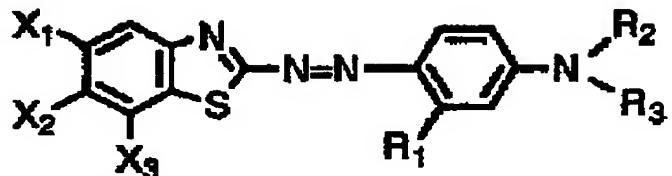
APPLICATION DATE : 16-12-92
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APPLICANT : NIPPON KAYAKU CO LTD;

INVENTOR : KUBO MOTOSADA;

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TITLE : INK COMPOSITION FOR INK JET
PRINT



ABSTRACT : PURPOSE: To obtain the subject composition containing a disperse dye consisting of a specific benzothiazole-based azo compound, a hydrophilic organic solvent and a surfactant, stable in long-term dispersibility, excellent in printability to hydrophobic fibers and capable of providing a bright red printed material.

CONSTITUTION: At least one kind of disperse dye expressed by the formula (X₁ and X₃ are H or Cl with proviso that X₁ and X₃ are simultaneously not Cl; X₂ is Cl; R₁ is H, Cl, 1-4C alkyl or 1-2C acylamino; R₂ and R₃ are 1-4C alkyl, 1-4C alkoxy, 1-4C carbonylalkyl, 1-4C alkoxy carbonyloxy-1-4C alkyl, 1-4C alkylcarbonyloxy-1-4C alkyl, phenylcarbonyloxy-1-4C alkyl, 1-4C cyanoalkyl, etc.) is blended with water and a hydrophilic organic solvent (e.g. glycerol) and an anionic surfactant (e.g. naphthalenesulfonic acid formalin condensate) and/or an anionic surfactant (e.g. ethylene oxide-propylene oxide block copolymer) to provide the objective ink composition.

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